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7/18/06

T-1, alligator cracking

T-4, overview

T-2, surface detail

T-2, spalled crack with scrape

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7/18/06

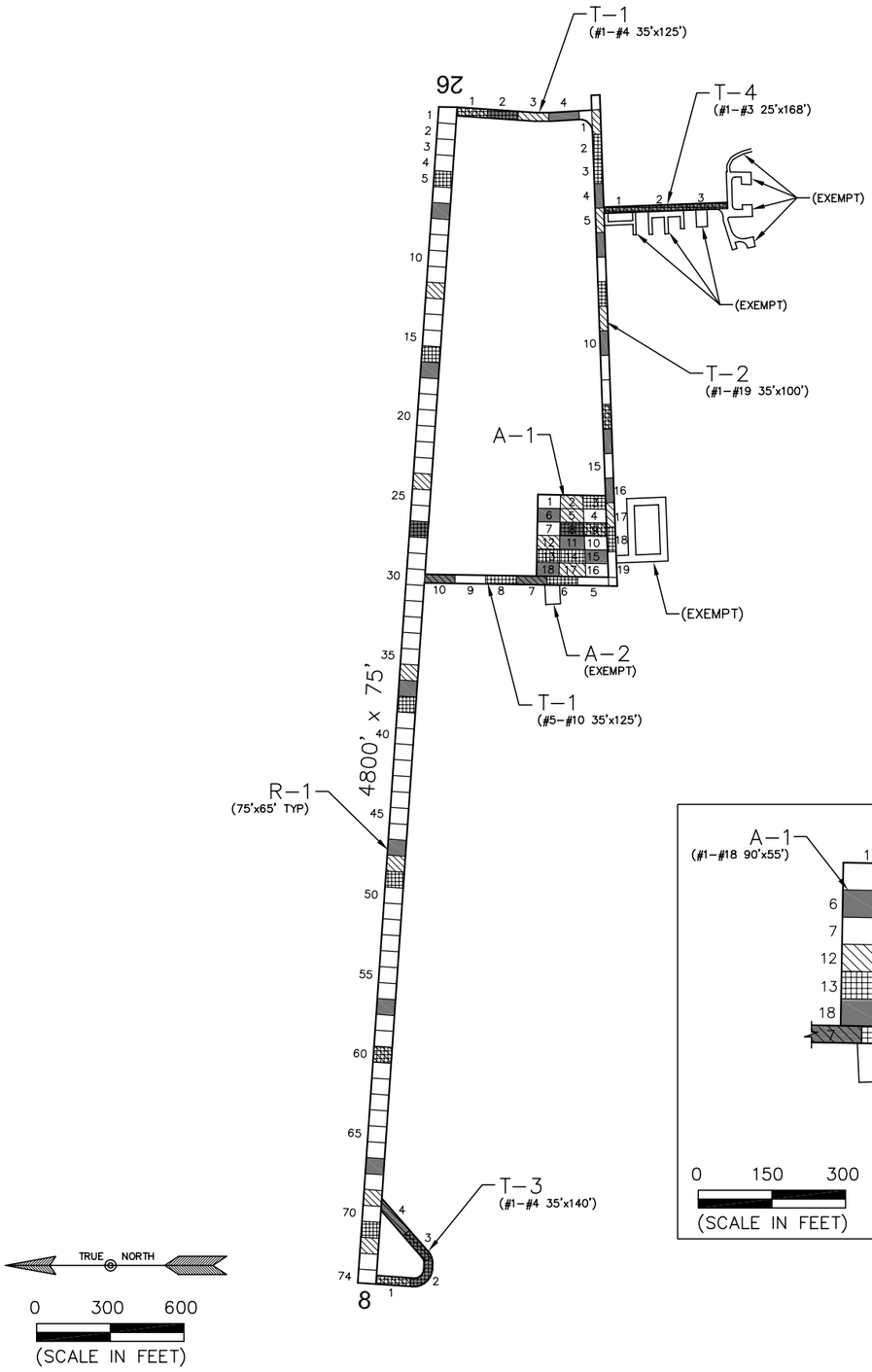
T-3, crack with scrape

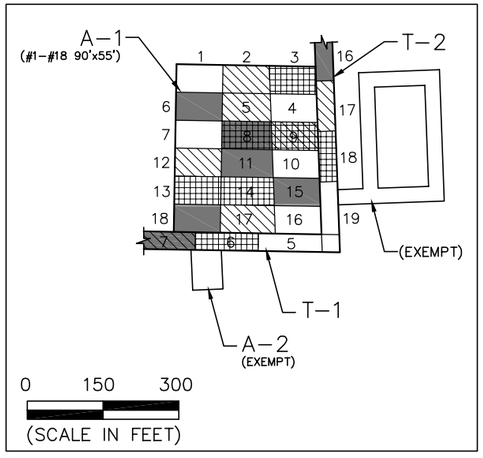
R-1, scrapes & paint loss

R-1, overview

R-2, surface detail

FORSYTH





PAVEMENT STRENGTH SURVEY/PAVEMENT CONDITION SURVEY

PAVE. IDENT.	SOIL CLASS	SUB GRADE CLASS	SUBBASE COURSE	BASE COURSE	SURFACE COURSE	OVERLAY	PAVEMENT STRENGTH MAX. GROSS LOAD (LBS) SINGLE	DUAL	DUAL TAN.	REMARKS
RUNWAYS										
R-1	E-7	F7, CBR=7	P-152	7" P-208	3" P-401	P-609	12,500			1 2
TAXIWAYS										
T-1	E-7	F7, CBR=7	P-152	7" P-208	3" P-401	P-609	12,500			1 2
T-2	E-7	F7, CBR=7		3" GRAVEL	P-609, 6" ROAD MIX	2.5" P-401, P-609	12,500			1 2
T-3	E-7	F7	P-152	7" P-208	3" P-401	P-609	12,500			1 2
T-4	E-7	F7, CBR=7	P-152	7" P-208	3" P-401	P-609	12,500			1 2
APRONS										
A-1	E-7	F7, CBR=7		4" AGG.	3" AC	2.5" P-401, P-609	12,500			1 2

REMARKS:

R-1, T-1 & A-1 ALL CONSTRUCTED OVER 12" COMPACTED SUBGRADE AT 95% COMPACTION
POOR DRAINAGE, FROST
RUNWAY DESIGN BASED ON F-7 SUBGRADE. CBR = 7 ASSUMED
P-402 USED IN DETERMINING MAXIMUM GROSS LOADS

AIP-01, 1985, POROUS FRICTION COURSE OVERLAY - ALL PAVEMENTS.

1 AIP-02, 1994, RECONSTRUCT RUNWAY 8-26 AND TAXIWAY (T-1), REHABILITATE TAXIWAY (T-2) AND APRON (A-1), AND CONSTRUCT RUNWAY 8 TURNAROUND.

2 AIP-03, 2001, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS.

LEGEND

- 1994 SURVEY AREA (NOT SURVEYED)
- 1997 SURVEY AREA (NOT SURVEYED)
- 2000 SURVEY AREA
- 2003 SURVEY AREA
- 2006 SURVEY AREA

DATE OF PAVEMENT STRENGTH SURVEY:	SEPT. 23, 1987
EVALUATED BY:	C. NEW
DATE OF MOST RECENT PAVEMENT CONDITION SURVEY:	JULY 18, 2006
EVALUATED BY:	B. BURKLAND

MONTANA AVIATION SYSTEM PLAN
2006 UPDATE - PAVEMENT CONDITION INDEXES

TILLITT FIELD

PREPARED FOR: MONTANA AERONAUTICS DIVISION

FORSYTH
MONTANA

DATE: NOV. 2006

PREPARED BY: ROBERT PECCIA & ASSOCIATES

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